TRANSMITTAL OF APPEAL BRIEF (Large Entity)		Docket No. ITL.0596US

In Re Application Of: **Sundaram Ramakesavan**
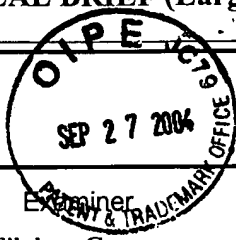
Application No. 09/899,464	Filing Date July 5, 2001	Examiner Tilahun Gesesse	Customer No. 21906	Group Art Unit 2684	Confirmation No. 3421

Invention: **Identifying Multilingual Participants in Network Communications**

<u>COMMISSIONER FOR PATENTS:</u>

Transmitted herewith is the Appeal Brief in this application, with respect to the Notice of Appeal filed on **August 27, 2004**

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☐ The Director has already been authorized to charge fees in this application to a Deposit Account.

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Signature

Timothy N. Trop, Reg. No. 28,994
Trop, Pruner & Hu, P.C.
8554 Katy Freeway, Suite 100
Houston, Texas 77024
(713) 468-8880
(713) 468-8883 (fax)

Dated: **September 22, 2004**

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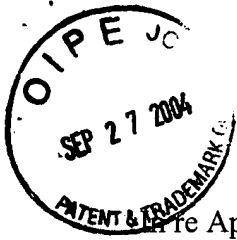
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	§	
Sundaram Ramakesavan	§	Art Unit: 2684
	§	
Serial No.: 09/899,464	§	Examiner: Tilahun Gesesse
	§	
Filed: July 5, 2001	§	Conf. No.: 3421
	§	
For: Identifying Multilingual Participants	§	Atty Docket: ITL.0596US
in Network Communications	§	P11737

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APPEAL BRIEF

TABLE OF CONTENTS

REAL PARTY IN INTEREST

The real party in interest is the assignee Intel Corporation.

RELATED APPEALS AND INTERFERENCES

None.

STATUS OF CLAIMS

Claims 16-30 are rejected. Each rejection is appealed.

STATUS OF AMENDMENTS

All amendments have been entered.

SUMMARY OF CLAIMED SUBJECT MATTER

Referring to Figure 1, an ad hoc wireless network may be set up at any time between a plurality of users having compatible systems. Thus, each of the users may have a portable computer 14, which implements a wireless communication protocol between the portable computer 14 and the owner's cellular telephone 12 in one embodiment. Communications may be provided over the Internet 16. As a result, each of the plurality of users may establish a communications session for an ad hoc wireless communication network, which enables any of the participants to communicate with one another. The link between the cellular telephone 12a and the personal computer 14a, for example, may be via an appropriate wireless protocol.

In the example illustrated in Figure 1, the owners of the cellular telephones 12c and 12d are in Japan and their personal computers 14c and 14d utilize the Japanese character set. At the same time, the participants owning the cellular telephones 12a and 12b are in the United States and their owners have personal computers 14a and 14b which use the English character set. In this example, the personal computers 14a and 14b do not have the script to convert the Japanese characters for display. As a result, as shown in Figure 2, a screen display 18 may automatically reveal the participants in the ad hoc wireless network. Each participant may be identified by a cell phone symbol 20, in one embodiment, together with the participant's name. However, screen display 18, shown in association with either of the personal computers 14a or 14b that do not include Japanese characters simply insert meaningless characters for the names of the Japanese participants because of the absence of suitable character set translation software on the personal computers 14a and 14b. The same situation would exist for the Japanese participants if their computers did not have the software to convert the English text, but instead, solely handled Japanese character sets. See specification at page 4, line 2 through page 5, line 13.

As a result, a participant in the United States having the screen display 18 may not be able to identify which of the users is Yasuo and which of the users is Shoichi from the apparent information on the display 18. Therefore, it may not be easy to determine how to send a particular communication to one, but not both of those foreign character set users.

Turning to Figure 3, a screen display 18a in accordance with one embodiment of the present invention may include identifying photographs 22 to identify each of the users. Thus, while the incompatible character sets may not complete the correct names, the user images may

7

be utilized to distinguish between the various users in one embodiment of the present invention. In other embodiments, audio files may be utilized to identify each user. For example, each user may say the user's name and when any user clicks on an image associated with a particular user, such as the image 20a shown in Figure 2, the user's name will be played back. In still another embodiment, each user may be associated with an unique symbol that identifies the user. In one such case, the unique symbol may be a depiction of the user's name in a compatible character set. For example, the Japanese user may provide a file which includes the English characters for that user's name.

As shown in Figure 4, when the user clicks on one of the cellular phone images 20 shown in Figure 2, a dropdown menu 24 may appear. The user can then click on one of the entries 26, such as the OPEN entry, to obtain more information about the user. Alternatively, the user may select the PLAY AUDIO entry to hear the user say the user's name.

The SEND software 30 for implementing one embodiment of the present invention, prompts the user to append a textual interface as indicated in block 32 of Figure 5. Thus, the user's personal computer may automatically append the user's name for display on display screens 18 associated with personal computers 14 of other participants in an ad hoc wireless network. In addition, the audible interface may be appended as indicated in block 34. The user may be asked, for example, through a graphical user interface, to provide an audible recording of the user's name. Next, the user may be asked to supply an image, for example, through a digital camera associated with the personal computer 14, as indicated in block 36. Finally, one or more of the interface information may be automatically transmitted as indicated in block 38 to the other enumerated participants in the ad hoc wireless communication.

In Figure 6, each of the participants then receives a communication from the other participants using the software 40 in accordance with one embodiment of the present invention. As indicated in block 42, each participant's personal computer 14 receives and displays textual identifiers. Similarly, a personal computer 14 receives and displays audible and image identifiers as indicated in block 44. Upon a request for audible identifiers, as determined at diamond 46, the audible identifier may be played as indicated in block 50. If, instead, the user requests the image, as indicated in block 48, it may be displayed as well. Thus, in some embodiments, the screen display may be as shown in Figure 2 and the images are only provided

upon request and selection. Similarly, the audible information may only be provided upon request and selection. See specification at page 5, line 14 through page 8, line 11.

GROUNDS OF REJECTION TO BE REVIEWED ON APPEAL

A.   **Are claims 16-30 Anticipated by Degnbol?**

ARGUMENT

A. Are claims 16-30 Anticipated by Degnbol?

There seems to be a fundamental difference between the way that the Applicant is reading the claim and the way the Examiner is reading the claim.

As well as can be determined, the Examiner simple reads this limitation out of the claim. This is apparently so, based on language at two different places in the office action. Firstly, the Examiner suggests that exchanging buddy lists could be exchanging character set independent information. This simply cannot be so. The buddy list would be text and would be character set dependent. Therefore, the exchange of buddy lists cannot possibly meet the limitation of character set independent information.

The Examiner also again advises that the title should be amended to take out identifying "multilingual" participants, claiming that the multilingual aspect is nowhere set forth in the claim. But, again, this is confusing since the claim calls for identifying character set independent information. This is the information that allows multilingual participants to understand the information, regardless of what character set they may utilize for the particular language they adopt.

Finally, the Examiner contests the argument made in the last response that "however, there is no suggestion that the character set independent information is transmitted to anybody, much less other participants in the network." The Examiner suggests that this is not set forth in the claim. However, the language is in the claim, as indicated in claim 16 set forth below.
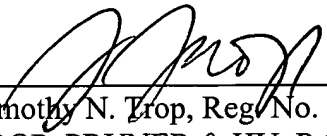
16.   A method comprising:

receiving character set independent information about a participant in an ad hoc wireless network; and

automatically transmitting said character set independent information about a participant to other participants in the ad hoc wireless network.

Finally, the Examiner again contends that Degnbol teaches exchanging participant profiles, citing page 20, line 34, to page 21, line 6. Instead, the profiles are compared without exchanging them between the participants. Plainly, the language does not meet the claim limitation.

Applicant respectfully requests that each of the final rejections be reversed and that the claims subject to this Appeal be allowed to issue.

Respectfully submitted,

Date: September 22, 2004

Timothy N. Trop, Reg. No. 28,994
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Ste. 100
Houston, TX 77024
713/468-8880 [Phone]
713/468-8883 [Fax]

CLAIMS APPENDIX

The claims on appeal are:

16.   A method comprising:

receiving character set independent information about a participant in an ad hoc wireless network; and

automatically transmitting said character set independent information about a participant to other participants in the ad hoc wireless network.

17.   The method of claim 16 wherein receiving character set independent information about a participant includes receiving an audio file that identifies a participant.

18.   The method of claim 16 wherein receiving character set independent information about a participant includes receiving a user selectable icon that may be selected to receive additional information about a participant.

19.   The method of claim 18 including enabling a participant to select an icon to receive additional information about another participant.

20.   The method of claim 16 wherein receiving character set independent information about a participant includes receiving an image file identifying a participant.

21.   An article comprising a medium storing instructions that enable a processor-based system to:

receive character set independent information about a participant in an ad hoc wireless network; and

automatically transmit said information to other participants.

22.   The article of claim 21 further storing instructions that enable the processor-based system to receive an audio file that identifies a participant.

13

23. The article of claim 21 further storing instructions that enable the processor-based system to receive a user selectable icon that may be selected to receive additional information about a participant.

24. The article of claim 23 further storing instructions that enable the processor-based system to enable a participant to select an icon to receive additional information about another participant.

25. The article of claim 21 further storing instructions that enable the processor-based system to receive an image file identifying a participant.

26. A system comprising:

a processor; and

a storage coupled to said processor storing instructions that enable the processor to handle character set independent information about a participant in an ad hoc wireless network and transmit said information to other participants.

27. The system of claim 26 wherein said storage stores instructions that enable the processor to receive an audio file that identifies a participant.

28. The system of claim 26 wherein said storage stores instructions that enable the processor to generate a user selectable icon that may be selected to receive additional information about a participant.

29. The system of claim 28 wherein said storage instructions that enable the processor to allow a participant to select an icon to receive additional information about another participant.

30. The system of claim 26 wherein said storage stores instructions that enable the processor to generate an image identifying a participant.